

Datasheet for ABIN631243 anti-UMPS antibody (C-Term)





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Overview	
Quantity:	100 μL
Target:	UMPS
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UMPS antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	UMPS antibody was raised using the C terminal of UMPS corresponding to a region with amino
	acids VGFISGSRVSMKPEFLHLTPGVQLEAGGDNLGQQYNSPQEVIGKRGSDII
Specificity:	UMPS antibody was raised against the C terminal of UMPS
Purification:	Affinity purified
Target Details	
Target:	UMPS
Alternative Name:	UMPS (UMPS Products)
Background:	OPRT (UMPS) is involved in early events of pancreatic and gallbladder carcinogenesis and
	invasion of hepatocellular carcinomas. Orotate phosphoribosyltransferase is involved in the
	invasion and metastasis of colorectal carcinoma. Determination of OPRT levels in gastric

Target Details

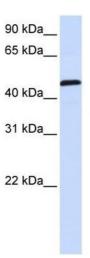
	carcinoma tissue enables to predict the response to S-1-based neoadjuvant/adjuvant chemotherapy.
Molecular Weight:	52 kDa (MW of target protein)
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB: 1 µg/mL
	Optimal conditions should be determined by the investigator.
Comment:	UMPS Blocking Peptide, catalog no. 33R-9552, is also available for use as a blocking control in assays to test for specificity of this UMPS antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized	
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of UMPS antibody in PBS	
Concentration:	Lot specific	
Buffer:	PBS	
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.	



Western Blotting

Image 1. UMPS antibody used at 1 ug/ml to detect target protein.